

Converting Colors

$Yxy(67.6670, 0.3320, 0.3726)$

Have a look what the booklet for
Yxy(67.6670, 0.3320, 0.3726)
contains.

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Color

Yxy(67.7009, 0.3318, 0.3729)

Conversions

Conversions Part 1

Format	Color
Hex	D2DBB5
RGB	210, 219, 181
RGB Percent	82%, 86%, 71%
CMY	0.1767, 0.1411, 0.2902
CMYK	0.04, 0.00, 0.17, 0.14
HSL	74°, 35%, 78%
HSV	74°, 17%, 86%
XYZ	60.2391, 67.7009, 53.6124
YIQ	211.9770, 6.8340, -13.7260

Conversions

Conversions Part 2

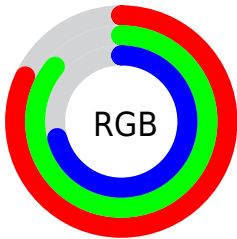
Format	Color
RYB	181, 219, 190
Decimal	13818805
CIELab	85.86, -9.55, 17.68
CIELCh	86, 20.099, 118.371
Yxy	67.7009, 0.3318, 0.3729
Android (android.graphics.Color)	4292008885 (0xFFD2DBB5)
YUV	211.9770, -15.2717, -1.7338
Hunter-Lab	82.2806, -13.3079, 18.9642

Details

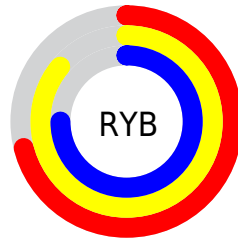
The Yxy color **67.7009, 0.3318, 0.3729** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.1249, 0.2914, 0.2831**, and the grayscale version is **65.9190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **35.0780, 0.3360, 0.3840** is the 20% darker color. If you saturate the color by 10%, you get **66.1194, 0.3427, 0.3996**, and if you desaturate by 10%, it is **69.4548, 0.3207, 0.3471**.

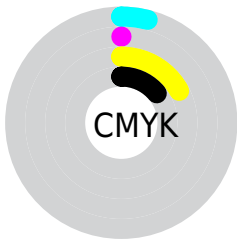
Distribution



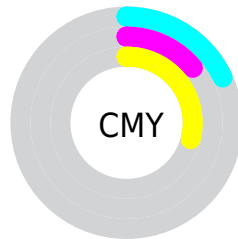
- Red (82%)
- Green (86%)
- Blue (71%)



- Red (71%)
- Yellow (86%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)
- Black (14%)





- Cyan (18%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7009, 0.3318, 0.3729 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 67.7009, 0.3318, 0.3729 by changing the saturation by 10% instead.


 67.7009, 0.3318,
0.3729

 67.7009, 0.3318,
0.3729


452.4356, 0.3231,
0.3520

 49.6544, 0.3338,
0.3778


 115.9242, 0.3288,
0.3655

 35.1389, 0.3362,
0.3840


146.8697, 0.3276,
0.3627

 23.7699, 0.3391,
0.3920


182.8838, 0.3266,
0.3602

 15.1630, 0.3430,
0.4026

224.3508, 0.3257,
0.3581

 8.9339, 0.3480,
0.4174

271.6551, 0.3249,
0.3563

 4.6981, 0.3548,
0.4394

325.1810, 0.3242,

 2.0712, 0.3661,

0.3547

0.4781

385.3131, 0.3236,
0.3532

0.6484, 0.3714,
0.6286

0.0000, 0.0000,
0.0000

67.7009, 0.3318,
0.3729

67.7009, 0.3318,
0.3729

66.1194, 0.3427,
0.3996

69.4548, 0.3207,
0.3471

64.6945, 0.3531,
0.4266

71.3785, 0.3099,
0.3227

63.4219, 0.3624,
0.4528

73.4811, 0.2994,
0.3001

62.2935, 0.3702,
0.4772

74.8598, 0.2978,
0.2922

■ 61.3005, 0.3758,
0.4986

■ 75.7424, 0.3013,
0.2926

■ 60.4329, 0.3790,
0.5160

■ 76.6511, 0.3049,
0.2930

■ 59.6791, 0.3797,
0.5287

■ 77.5863, 0.3085,
0.2934

■ 59.0233, 0.3779,
0.5369

■ 78.5482, 0.3121,
0.2938

■ 58.8595, 0.3772,
0.5387

■ 79.1538, 0.3144,
0.2940

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.7009, 0.3520, 0.3689



67.7009, 0.3318, 0.3729



67.7009, 0.3070, 0.3639

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.7009, 0.3318, 0.3729



67.7009, 0.2659, 0.3009



67.7009, 0.3411, 0.3138

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.7009, 0.3318, 0.3729



49.1249, 0.2914, 0.2831

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.7009, 0.3170, 0.2974



67.7009, 0.3318, 0.3729



67.7009, 0.2741, 0.2895

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.7009, 0.3318, 0.3729



67.7009, 0.2696, 0.3209



67.7009, 0.2925, 0.2885



67.7009, 0.3578, 0.3344

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.7009, 0.3318, 0.3729



67.7009, 0.2913, 0.3517



67.7009, 0.2925, 0.2885



67.7009, 0.3336, 0.3077

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67.7039, 0.3318, 0.3729



98.6330, 0.3182, 0.3413



55.1740, 0.3442, 0.3394



21.0715, 0.3190, 0.3431



0.0000, 0.0000, 0.0000



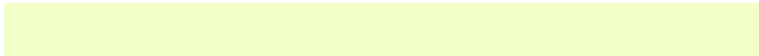
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.7039, 0.3318, 0.3729



94.6734, 0.3360, 0.3831



65.1055, 0.3178, 0.3749



15.0991, 0.3230, 0.3524



34.9462, 0.3779, 0.5382



2.3025, 0.3849, 0.5326

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.1249, 0.2914, 0.2831



63.5351, 0.2860, 0.2718



51.7053, 0.3064, 0.2851



12.7665, 0.3018, 0.3051



3.5124, 0.1637, 0.0676



0.2673, 0.1802, 0.0766

Previews

White Background



This preview shows how the Yxy color 67.7009, 0.3318, 0.3729 looks on a white background.

Color Contrast Check

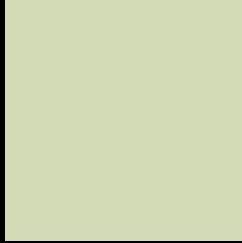
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 67.7009, 0.3318, 0.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

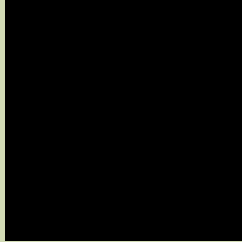
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

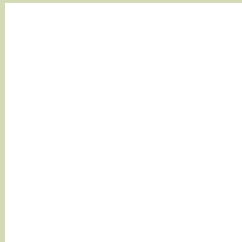
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7009, 0.3318, 0.3729

Background



This preview shows how black text looks on a background with the Yxy color 67.7009, 0.3318, 0.3729.



This preview shows how white text looks on a background with the Yxy color 67.7009, 0.3318, 0.3729.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.7009, 0.3318, 0.3729

Protanopia

67.5166, 0.3465, 0.3681

Deuteranopia

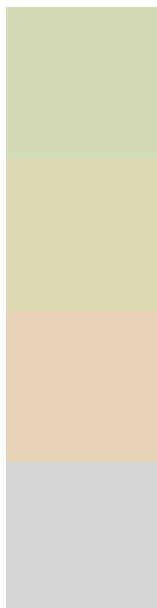
67.1961, 0.3606, 0.3525



Tritanopia

67.4958, 0.3049, 0.3104

Trichromacy



Original Color

67.7009, 0.3318, 0.3729

Protanomaly

67.6227, 0.3407, 0.3698

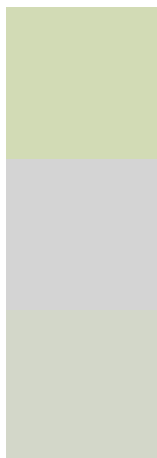
Deuteranomaly

67.3311, 0.3497, 0.3598

Tritanomaly

67.6505, 0.3140, 0.3324

Monochromacy



Original Color

67.7009, 0.3318, 0.3729

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.6668, 0.3193, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7009, 0.3318, 0.3729 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 219, 181)` looks like.

```
.text, #text, p{  
    color:rgb(210, 219, 181)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 219, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 219, 181) }
```

Border

The CSS property to change the border of an element to Yxy 67.7009, 0.3318, 0.3729 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 219, 181) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 219, 181) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 219, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 219, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 219, 181);  
box-shadow:4px 4px 4px 4px rgb(210, 219,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7009, 0.3318, 0.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 219, 181) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
219, 181) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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